

Comparisons of Job Characteristics

Focus Occupation: Firefighters (33-2011)

Associated Occupation: Fire Inspectors and Investigators (33-2021)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 79

Focus Occupation: Firefighters (33-2011)

Associated Occupation: Fire Inspectors and Investigators (33-2021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Public Safety and Security	6.9	19.2	15.5	<< Extensive education and/or training may be required
Customer and Personal Service	11.3	17.8	16.3	0 Current knowledge level may be sufficient
Law and Government	5.9	16.4	9.2	<< Extensive education and/or training may be required
Education and Training	9.2	15.2	13.9	0 Current knowledge level may be sufficient
Building and Construction	4.0	13.8	11.3	< Expanded education and/or training may be required
Clerical	7.3	12.5	7.0	<< Extensive education and/or training may be required
Chemistry	4.8	12.2	7.2	<< Extensive education and/or training may be required
Physics	4.3	9.6	7.7	< Expanded education and/or training may be required
Telecommunications	3.9	7.0	8.8	> Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 69

Focus Occupation: Firefighters (33-2011)

Associated Occupation: Fire Inspectors and Investigators (33-2021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Active Listening	11.0	13.2	11.8	< A higher skill level may be required
Judgment and Decision Making	9.4	11.4	10.5	0 Current skill level may be sufficient

Science	4.5	8.9	3.7	<<	Extensive development of skills in this area may be required
Quality Control Analysis	5.9	8.4	8.0	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 58			
Focus Occupation: Firefighters (33-2011) Associated Occupation: Fire Inspectors and Investigators (33-2021)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Problem Sensitivity	11.1	14.9	13.4	<	Some improvement in abilities may be required
Inductive Reasoning	10.2	14.5	11.3	<<	Extensive improvement in abilities may be required
Flexibility of Closure	7.8	13.5	10.5	<<	Extensive improvement in abilities may be required
Far Vision	7.8	11.5	11.0	0	Current ability level may be sufficient
Perceptual Speed	7.4	11.0	9.8	<	Some improvement in abilities may be required
Visual Color Discrimination	6.4	10.9	9.8	<	Some improvement in abilities may be required
Speed of Closure	5.9	9.3	8.7	0	Current ability level may be sufficient
Glare Sensitivity	2.6	5.5	7.5	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 85
Focus Occupation: Firefighters (33-2011) Associated Occupation: Fire Inspectors and Investigators (33-2021)		
Work Activities	Exclusivity of Activity	
Communicate technical information	4	
Conduct fire hazard inspections	92	
Estimate size or characteristics of fire	92	
Inspect buildings to detect violations of fire codes	95	
Read maps	42	
Use emergency medical procedures	64	
Use first aid procedures	70	
Use knowledge of fire, building or other codes	92	
Use oral or written communication techniques	1	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Firefighters (33-2011)

Associated Occupation: Fire Inspectors and Investigators (33-2021)

Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.	
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.